

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049281 A1

(51) International Patent Classification⁷: B25F 1/02,
3/00, B25D 17/28

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(21) International Application Number:
PCT/AU2004/000360

(22) International Filing Date: 25 March 2004 (25.03.2004)

(25) Filing Language:

English

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
(AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

(26) Publication Language:

English

(30) Priority Data:
2003906460 24 November 2003 (24.11.2003) AU

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Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

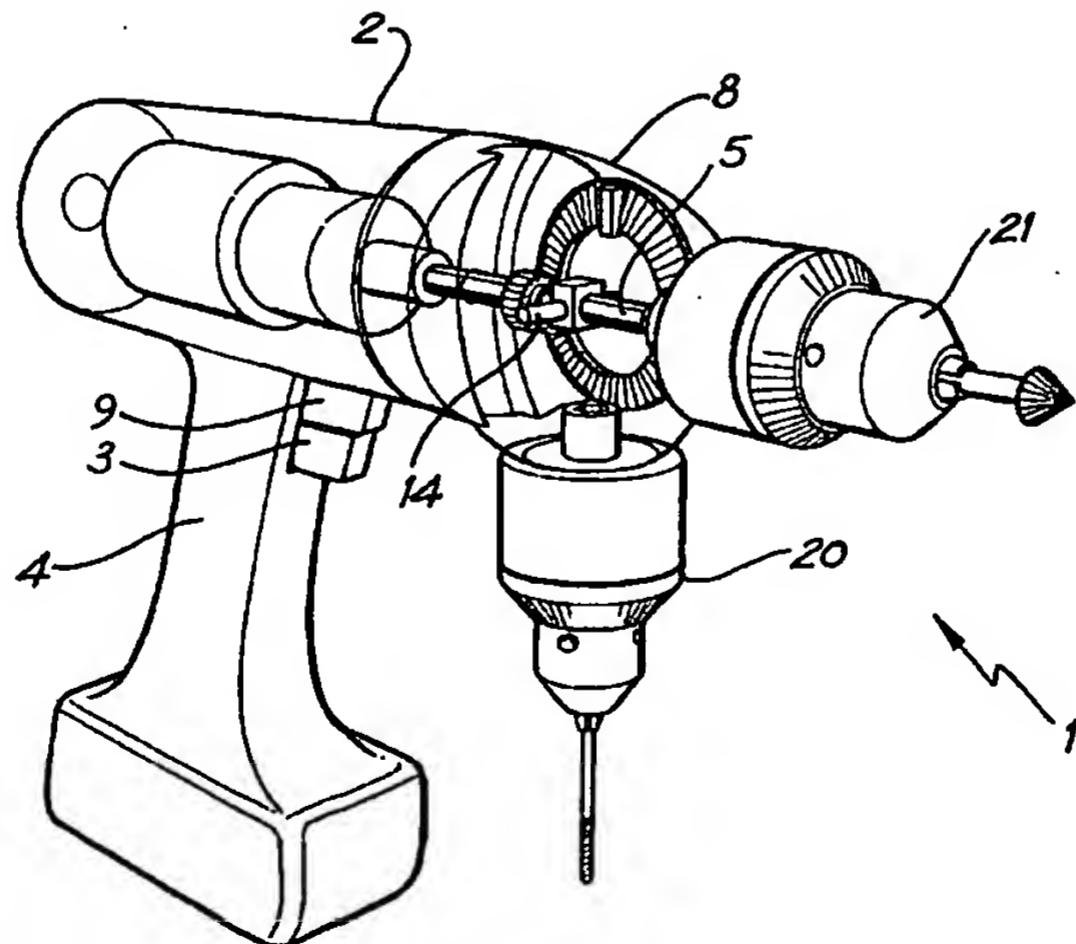
Published:

— with international search report

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TWIN CHUCK DRILL WITH ONE DRIVE SHAFT



(57) Abstract: A pistol grip drill (1) has two control triggers (3 and 9) on its hand grip (4). One trigger (3) controls power to a motor in a casing (2) of the drill and the other trigger (9) initiates a sequence which interchanges the positions of two chucks (20, 21). The chucks (20, 21) are mounted on a forward extension (8) of the casing (2). The extension (8) has two degrees of freedom. It is firstly capable of rotating through ninety degrees about the axis of a pivot (14) to bring the unused chuck to the driving position in front of the casing (2). The second degree of freedom allows the extension to be then rotated about the driving axis of a drill drive shaft (5) so that the displaced chuck is moved from an upwardly-pointing position to a downwardly position directly in front of the pistol grip. The interchanging of the chucks (20, 21) can be controlled by the hand of the user holding the hand grip (4).

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